

M-5. log_stats.tcl

1.0 General Information

1.1 Application Description

This tcl script was developed during the alpha testing of the OB4 shefdecoders as a way to check on the performance of the decoders. This script is meant to be run manually. The user simply provides the name of one of the shefdecoders daily log files and the summary information is written to the screen.

1.2 Enhancements/Bug Fixes/Changes

Build OB7.2

This application was updated to take into account the change in the version of Tcl/Tk and the upgrade of the OS in ob7.2. Documentation was updated to reflect these changes.

2.0 User How-To

To run this application:

- ssh ax
- cd /rfc_arc/logs/decoder/raw/logs or cd /rfc_arc/logs/decoder/processed/logs
- ./rfc_arc/lib/rax.profile
- log_stats.tcl "filename"
where filename is shef_decode_raw_log_"mmdd" or
shef_decoder_pro_log_"mmdd" and "mmdd" is 2-digit month and 2-digit day of
file of interest, example shef_decode_raw_log_0621

Example execution and output

```
ax-xxx> log_stats.tcl /shef_decode_raw_log_1004 [Enter]
```

```
Input file: /rfc_arc/logs/decoder/raw/logs/shef_decode_raw_log_1004
```

```
Number of Products = 2663  
Number of records Processed = 264677  
Avg Parse time = 0.00 seconds  
Avg Post time = 3.83 seconds
```

```
Max Parse Time = 1 seconds  
Max Post Time = 354 seconds
```

From the above information one can calculate the number of records posted per second; = (Number of records processed divided by Number of products) divided by average post time.

$$\frac{264677}{2663} = 99.39 \text{ records per products}$$

$$\frac{99.39}{3.83} = 25.95 \sim 26 \text{ records per second posted}$$

Information provided by OHD/HL indicates that rates of “records per second posted” of greater than 10 is good.

3.0 Troubleshooting Information

If the script fails, contact the RFC Support Group.